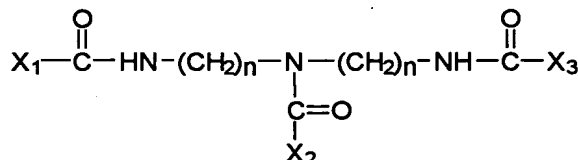


WHAT IS CLAIMED IS:

1. A method of administering a therapeutic agent to a cell, comprising administering to the cell a therapeutically effective amount of the therapeutic agent formulated in a buffer comprising a compound of Formula I:



I

wherein:

n is an integer from 2-8;

X_1 is a cholic acid group or deoxycholic acid group; and X_2 and X_3 are each independently selected from the group consisting of a cholic acid group, a deoxycholic acid group, and a saccharide group, wherein the saccharide group is selected from the group consisting of pentose monosaccharide groups, hexose monosaccharide groups, pentose-pentose disaccharide groups, hexose-hexose disaccharide groups, pentose-hexose disaccharide groups, and hexose-pentose disaccharide groups; and wherein at least one of X_2 and X_3 is a saccharide group.

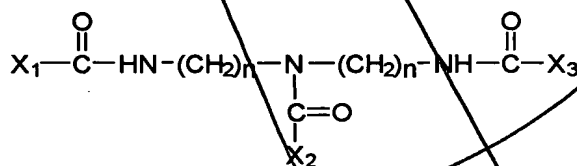
2. The method of claim 1, wherein the concentration of the compound is about 0.002 to about 2 mg/ml.

3. The method of claim 1, wherein the concentration of the compound is about 0.02 to about 2 mg/ml.

4. The method of claim 1, wherein the concentration of the compound is about 0.2 to 2 mg/ml.

5. The method of claim 1, wherein the cell is provided as a tissue having an epithelial membrane.

12. A pharmaceutical composition comprising a therapeutically effective therapeutic agent formulated in a buffer comprising a compound of Formula



X_1 is a cholic acid group or deoxycholic acid group; and X_2 and X_3 are each independently selected from the group consisting of a cholic acid group, a deoxycholic acid group, and a saccharide group, wherein the saccharide group is selected from the group consisting of pentose monosaccharide groups, hexose monosaccharide groups, pentose-pentose disaccharide groups, hexose-hexose disaccharide groups, pentose-hexose disaccharide groups, and hexose-pentose disaccharide groups; and wherein at least one of X_2 and X_3 is a saccharide group.

1 13. The pharmaceutical composition of claim 12, wherein the
2 concentration of the compound is about 0.002 to about 2 mg/ml.

1 14. The pharmaceutical composition of claim 12, wherein the
2 concentration of the compound is about 0.02 to about 2 mg/ml.

1 15. The pharmaceutical composition of claim 12, wherein the
2 concentration of the compound is about 0.2 to 2 mg/ml.

1 16. The pharmaceutical composition of claim 12, wherein the
2 therapeutic agent is a protein.

1 17. The pharmaceutical composition of claim 12, wherein the
2 therapeutic agent is a therapeutic gene.

1 18. The pharmaceutical composition of claim 17, wherein the
2 therapeutic gene is a tumor suppressor gene.

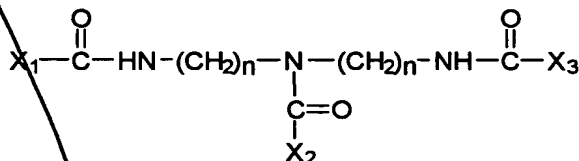
1 19. The pharmaceutical composition of claim 18, wherein the tumor
2 suppressor gene is p53.

1 20. The pharmaceutical composition of claim 18, wherein the tumor
2 suppressor gene is a retinoblastoma gene.

1 sub c' 21. The pharmaceutical composition of claim 12, wherein the
2 composition further comprises a polymeric matrix.

1 22. The pharmaceutical composition of claim 12, wherein the
2 composition further comprises a mucoadhesive.

23. A method of treating bladder cancer comprising administration to a cell of a therapeutically effective amount of a therapeutic agent that is formulated in a buffer comprising a compound of Formula I:



I

wherein:

n is an integer from 2-8;

X_1 is a cholic acid group or deoxycholic acid group; and X_2 and X_3 are each independently selected from the group consisting of a cholic acid group, a deoxycholic acid group, and a saccharide group, wherein the saccharide group is selected from the group consisting of pentose monosaccharide groups, hexose monosaccharide groups, pentose-pentose disaccharide groups, hexose-hexose disaccharide groups, pentose-hexose disaccharide groups, and hexose-pentose disaccharide groups; and wherein at least one of X_2 and X_3 is a saccharide group.

24. The method of claim 23, wherein the concentration of the compound is about 0.002 to about 2 mg/ml.

25. The method of claim 23, wherein the concentration of the compound is about 0.02 to about 2 mg/ml.

26. The method of claim 23, wherein the concentration of the compound is about 0.2 to 2 mg/ml.

27. The method of claim 23, wherein the cell is provided as bladder tissue.

28. The method of claim 26, wherein administration is to the bladder.

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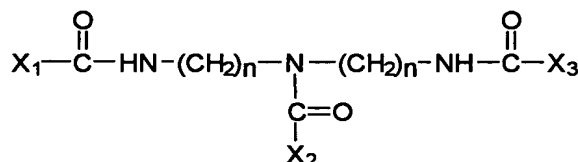
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Sub E 40. The method of claim 23 wherein the delivery enhancing agent is administered with the therapeutic agent.

41. A compound of Formula I:



I

wherein:

n is an integer from 2-8;

X_1 is a cholic acid group or deoxycholic acid group; and X_2 and X_3 are each independently selected from the group consisting of a cholic acid group, a deoxycholic acid group, and a saccharide group, wherein the saccharide group is selected from the group consisting of pentose monosaccharide groups, hexose monosaccharide groups, pentose-pentose disaccharide groups, hexose-hexose disaccharide groups, pentose-hexose disaccharide groups, and hexose-pentose disaccharide groups; and wherein at least one of X_2 and X_3 is a saccharide group.

42. The compound according to claim 41, wherein n is 3.

43. The compound according to claim 41, wherein both X₁ and X₂ are both cholic acid groups and X₃ is a saccharide.

44. The compound according to claim 41, wherein X₁ and X₂ are both deoxycholic acid groups and X₃ is a saccharide group.

45. The compound according to claim 41, wherein the saccharide group is a pentose monosaccharide group.

46. The compound according to claim 41, wherein saccharide group is a hexose monosaccharide group.

47. The compound according to claim 41, wherein the saccharide group is a hexose-hexose disaccharide group.

48. The compound according to claim 41, wherein n is 3, X₁ and X₂ are both cholic acid groups, and X₃ is a hexose monosaccharide group.

49. The compound according to claim 41, wherein n is 3, X₁ and X₃ are both cholic acid groups, and X₂ is a hexose monosaccharide group.

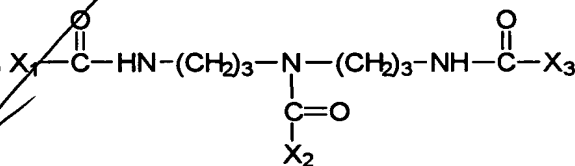
50. The compound according to claim 41, wherein n is 3, X₁ and X₂ are both cholic acid groups, and X₃ is a hexose-hexose disaccharide group.

51. The compound according to claim 41, wherein n is 3, X₁ and X₃ are both cholic acid groups, and X₂ is a hexose-hexose disaccharide group.

52. The compound according to claim 41, wherein n is 3, X₁ and X₂ are both cholic acid groups, and X₃ is a hexose-pentose disaccharide group.

53. The compound according to claim 41, wherein n is 3, X₁ and X₃ are both cholic acid groups, and X₂ is a hexose-pentose disaccharide group.

54. A compound of Formula II:



II

wherein.

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